

PLASTIC SURGERY  
PAPER-I

PLS/J/18/37/I

Time: 3 hours  
Max. Marks:100

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Functions of skin. 3+3+4  
b) Wound healing by first and second intention.  
c) Enumerate various types of skin grafts and their applications.
2. a) Planning and reverse planning 3+3+4  
b) Flap delay  
c) Angiosomes
3. a) Fasciocutaneous vascular system along with classification. 5+5  
b) Anatomy, technique and uses of temporoparietal fascial flap.
4. a) Groin flap 5+5  
b) Radial forearm flap
5. Discuss treatment options for: 5+5  
a) Post burn alopecia scalp  
b) Full thickness defect after resection of carcinoma cheek.
6. a) Burn wound sepsis and management 5+5  
b) Fluid replacement in first 48 hours after burn injury
7. a) Fat grafting 4+4+2  
b) Perforator based flaps  
c) Tissue glue
8. a) WHO surgical safety check list 3+3+4  
b) Electric burns  
c) Design & indications of Limberg flap
9. What are skin substitutes? Describe their application in 5+5  
management of raw areas.
10. a) Types of tissue expanders 5+5  
b) Techniques of breast reconstruction

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